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PTO/SB/21 (09-04)

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/618,178
	Filing Date	18 July 2000
	First Named Inventor	LINCOLN, Stephen E.
	Art Unit	1637
	Examiner Name	FREDMAN, Jeffrey N.
Total Number of Pages in This Submission	Attorney Docket Number	13151-2

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement with Forms PTO/SB/08a & b <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Receipt Acknowledgement Postcard 8 citations
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Karp & Springut, LLP		
Signature			
Printed name	J. David Ellett, Jr.		
Date	12 July 2005	Reg. No.	27,875

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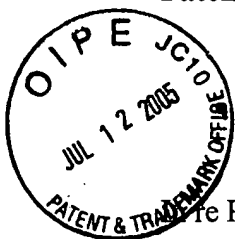
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Patent

13151-2



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Patent Application of

Applicants : LINCOLN, Stephen E. and
KNAPP, Michael R.

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: Examiner: FREDMAN, Jeffrey N.

Serial No. : 09/618,178

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: Group Art Unit: 1637

Filing Date: 18 July 2000

Title : "Automatic Genotype Determination"

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Kalow & Springut LLP
488 Madison Avenue, 19th Floor
New York, New York 10022

Customer No. 23719

12 July 2005

Commissioner for Patents
Post Office Box 1450
Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97(c)**

SIR or MADAM:

Pursuant to 37 CFR 1.97(c), the attorneys for the applicants hereby bring to the attention of the Patent and Trademark Office in connection with the patent application identified above the patents and publications listed below broadly related to the field of the invention of the application and identified on the accompanying Form PTO/SB/08.

07/15/2005 SSITHIB1 00000173 09618178
02 FC:1806

180.00 OP

Applicants: LINCOLN, Stephen E. and
KNAPP, Michael R.
Serial No.: 09/618,178
Filed: 18 July 2000
Page 2

United States Patent Documents

<u>Document Number</u>	<u>Designated Patentee or Applicant</u>
5,453,247	Beavis, <i>et al.</i>
5,700,637	Southern
5,811,235	Jeffreys
5,853,989	Jeffreys, <i>et al.</i>

Foreign Patent Documents

AU 03355093 A1	Bertin & Cie
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Non-Patent Literature Documents

JEFFREYS, A.J. *et al.*, "Hypervariable 'minisatellite' regions in human DNA," Nature, 7 March 1985, pages 67-73, vol. 314;

BAIRD, M., *et al.*, "Allele Frequency Distribution of Two Highly Polymorphic DNA Sequences...", Am. J. Hum. Genet., 1986, pages 489-501, vol. 39;

LANDER, E., *et al.*, "Strategies for studying heterogeneous genetic traits...", Proc. Natl. Acad. Sci. USA, October 1986, pages 7353-7357, vol. 83;

LANDER, E., *et al.*, "Construction of multilocus genetic linkage maps in humans," Proc. Natl. Acad. Sci. USA, April 1987, pages 2363-2367, vol. 84;

DONIS-KELLER, H., *et al.*, "A Genetic Linkage Map of Human Genome," Cell, 23 October 1987, pages 319-337, vol. 51;

PATERSON, A. H., *et al.*, "Resolution of quantitative traits into Mendelian factors...", Nature, 20 October 1988, pages 721-726, vol. 335;

LANDER, E., *et al.*, "Mapping Mendelian Factors Underlying Quantitative Traits...", Genetics, January 1989, pages 185-199, vol. 121;

GRIFFITHS, A. J. F., *et al.*, An Introduction to Genetic Analysis, Fifth ed., 1993, pages 750-752 (W.H. Freeman and Company, New York).

Applicants: LINCOLN, Stephen E. and
KNAPP, Michael R.
Serial No.: 09/618,178
Filed: 18 July 2000
Page 3

A copy of each of the items identified above is submitted with this statement – with the exception of United States patent documents, copies of which are not required to be submitted under current guidelines of the United States Patent and Trademark Office, and with the further exception of Australian published patent application AU 03355093 A1, a copy of which will be provided subsequently.

The attorneys for the applicants take no position on whether or not any item cited above and listed on Form PTO/SB/08 constitutes prior art against the subject application under any particular provision of Title 35 of the United States Code.

An earlier information disclosure statement filed on 8 April 2004 with respect to the subject application identified the Baird *et al.* 1986 publication from volume 39 of the *American Journal of Human Genetics* (“the Baird *et al.* 1986 publication”) listed above. However, the copy of the Baird *et al.* 1986 publication submitted with the earlier information disclosure statement was missing pages 494 and 495, as specifically noted in the earlier information disclosure statement. The copy of the Baird *et al.* 1986 publication submitted with the present information disclosure statement includes pages 494 and 495.

Pursuant to 37 CFR 1.97(c) and 1.17(p), the official fee for submission of an information disclosure statement at this time is estimated to be one hundred eighty dollars (\$180.00). A check in the estimated amount is submitted with this statement in payment for the required official fee. Please charge any deficiency in the payment submitted for the required fee, or credit any overpayment, to deposit account No. 11-0171.

Respectfully submitted,

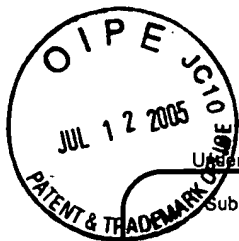
Attorneys for the Applicants

By

J. David Ellett, Jr.

(Reg. No. 27,875)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	09/618,178
Filing Date	18 July 2000
First Named Inventor	LINCOLN, Stephen E.
Art Unit	1637
Examiner Name	FREDMAN, Jeffrey N.
Attorney Docket Number	13151-2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,453,247	09-26-1995	Beavis, et al.	
		US- 5,700,637	12-23-1997	Southern	
		US- 5,811,235	09-22-1998	Jeffreys	
		US- 5,853,989	12-29-1998	Jeffreys, et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		AU 03355093 A1	06-28-1993	Bertin & Cie*		

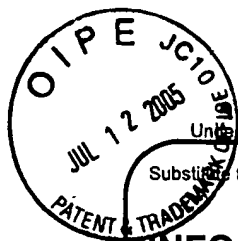
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet	2	of	2	Application Number	09/618,178
				Filing Date	18 July 2000
				First Named Inventor	LINCOLN, Stephen E.
				Art Unit	1637
				Examiner Name	FREDMAN, JEFFREY N.
				Attorney Docket Number	13151-2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		JEFFREYS, A.J. et al., "Hypervariable 'minisatellite' regions in human DNA," <u>Nature</u> , 7 March 1985, pages 67-73, vol. 314.	
		BAIRD, M., et al., "Allele Frequency Distribution of Two Highly Polymorphic DNA Sequences...", <u>Am. J. Hum. Genet.</u> , 1986, pages 489-501, vol. 39.	
		LANDER, E., et al., "Strategies for studying heterogeneous genetic traits...", <u>Proc. Natl. Acad. Sci. USA</u> , October 1986, pages 7353-7357, vol. 83.	
		LANDER, E., et al., "Construction of multilocus genetic linkage maps in humans," <u>Proc. Natl. Acad. Sci. USA</u> , April 1987, pages 2363-2367, vol. 84.	
		DONIS-KELLER, H., et al., "A Genetic Linkage Map of the Human Genome," <u>Cell</u> , 23 October 1987, pages 319-337, vol. 51.	
		PATERSON, A.H., et al., "Resolution of quantitative traits into Mendelian factors...", <u>Nature</u> , 20 October 1988, pages 721-726, vol. 335.	
		LANDER, E., et al., "Mapping Mendelian Factors Underlying Quantative Traits...", <u>Genetics</u> , January 1989, pages 185-199, vol. 121.	
		GRIFFITHS, A. J. F., et al., <u>An Introduction to Genetic Analysis</u> , Fifth ed., 1993, pages 750-752 (W.H. Freeman and Company, New York)	

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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